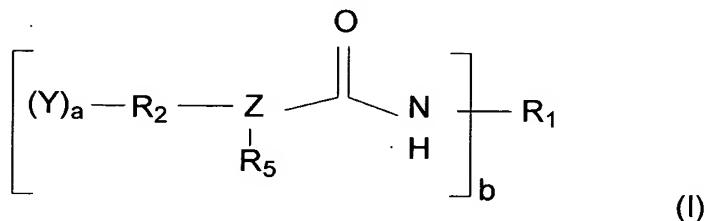
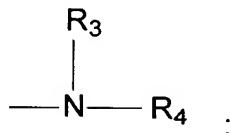


THEREFORE, WHAT IS CLAIMED IS:

1. A curable powder composition comprising:
 - (a) at least one material having the structure of Formula I:



wherein R_1 is an organic radical having 6 to 25 carbon atoms; each R_2 is independently a multivalent hydrocarbon group having 1 to 20 carbon atoms; Y is



each R_3 and R_4 are independently alkyl or aryl groups having 1 to 8 carbon atoms; each Z is independently oxygen or nitrogen; R_5 is absent when Z is oxygen and R_5 is hydrogen, an alkyl or aryl group having 1 to 20 carbon atoms, or $(Y)_a - R_2 -$ when Z is nitrogen; a is at least 1; b is 1 to 3; and

(b) at least one epoxy-containing resin and/or at least one siloxane-containing resin; and when the epoxy-containing resin is a polyepoxide, Z is nitrogen, R_2 is alkylene having 1 to 4 carbons, R_3 and R_4 are alkyl groups having 1 to 4 carbons, the composition cures in the absence of any additional component.

2. The curable powder composition of Claim 1, wherein said composition cures at a temperature of between 80°C and 125°C.

3. The curable powder composition of Claim 2, wherein said composition cures at a temperature of between 105°C and 120°C.

4. The curable powder composition of Claim 1, wherein said composition cures at a temperature greater than 125°C.

5. The curable powder composition of Claim 1, wherein Z is nitrogen, and R₅ is hydrogen.

6. The curable powder composition of Claim 5, wherein R₁ is 1,3,3-trimethylcyclohexylmethylen or 1,1,3,3-tetramethylcyclohexylene.

7. The curable powder composition of Claim 5, wherein R₂ is n-propylene.

8. The curable powder composition of Claim 5, wherein R₃ and R₄ are methyl.

9. The curable powder composition of Claim 1, wherein component (a) further comprises an acidic hydrogen-containing compound.

10. The curable powder composition of Claim 9, wherein the acidic hydrogen-containing compound is a phenolic compound.

11. The curable powder composition of Claim 10, wherein the phenolic compound is a polyphenol.

12. The curable powder composition of Claim 11, wherein the polyphenol is bis(4-hydroxyphenyl)-2,2-propane.

13. The curable powder composition of Claim 1, wherein (a) is present in an amount ranging from about 0.5 to 10 weight percent, and (b) is present in an amount ranging from about 20 to about 90 weight percent, with weight percent being based upon total weight of the composition.

14. The curable powder composition of Claim 13, wherein (a) is present in an amount ranging from about 3 to 5 weight percent, and (b) is present in an

amount ranging from about 30 to about 60 weight percent, with weight percent being based upon total weight of the composition.

15. A method for coating a substrate comprising:

- (a) applying to said substrate the powder composition of Claim 1; and
- (b) curing said composition.

16. The method of Claim 15, wherein said composition is cured at a temperature of between 80°C and 125°C.

17. A substrate coated according to the method of Claim 15.

18. The substrate of Claim 17, wherein said substrate is comprised of a thermoplastic polymer, a thermoset polymer, cardboard, paper, wood, particleboard, medium density fiberboard and/or metal.

19. The curable powder composition of Claim 1, wherein the epoxy-containing resin comprises polyepoxide and the powder composition cures in the absence of any additional component.

20. The curable powder composition of Claim 1, wherein the epoxy-containing resin comprises an epoxy/hydroxy-containing resin.

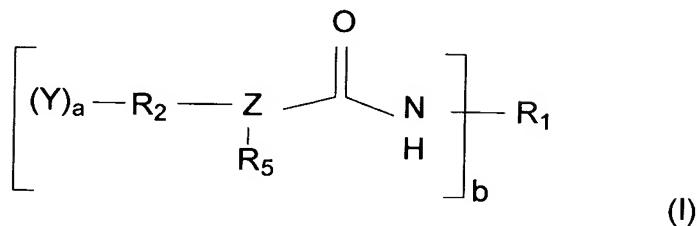
21. The curable powder composition of Claim 20, wherein the epoxy/hydroxy-containing resin is comprised of at least one epoxy resin and at least one hydroxy resin that have been combined.

22. The curable powder composition of Claim 20, wherein the epoxy/hydroxy-containing resin comprises a resin that has both epoxy and hydroxy functionality.

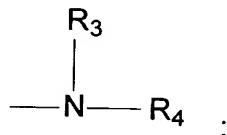
23. The curable powder composition of Claim 1, wherein the resin is a siloxane-containing resin.

24. A cured coating layer comprising:

(a) a material having Formula I:



wherein R_1 is an organic radical having 6 to 25 carbon atoms; each R_2 is independently a multivalent hydrocarbon group having 1 to 20 carbon atoms; Y is



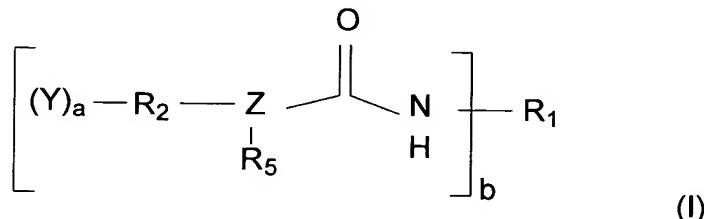
each R_3 and R_4 are independently alkyl or aryl groups having 1 to 8 carbon atoms; each Z is independently oxygen or nitrogen; R_5 is absent when Z is oxygen and R_5 is hydrogen, an alkyl or aryl group having 1 to 20 carbon atoms, or $(Y)_a - R_2 -$ when Z is nitrogen; a is at least 1; b is 1 to 3; and

(b) at least one epoxy-containing resin and/or at least one

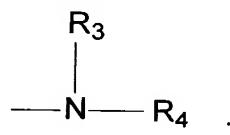
siloxane-containing resin;

wherein the epoxy and/or the siloxane has reacted with itself during cure and said cure takes place in the absence of an additional crosslinker.

25. A method for initiating self-cure of an epoxy-containing resin and/or a siloxane-containing resin comprising adding to a composition comprising said resin(s) a catalyst having the structure:



wherein R₁ is an organic radical having 6 to 25 carbon atoms; each R₂ is independently a multivalent hydrocarbon group having 1 to 20 carbon atoms; Y is



each R₃ and R₄ are independently alkyl or aryl groups having 1 to 8 carbon atoms; each Z is independently oxygen or nitrogen; R₅ is absent when Z is oxygen and R₅ is hydrogen, an alkyl or aryl group having 1 to 20 carbon atoms, or (Y)_a - R₂ - when Z is nitrogen; a is at least 1; b is 1 to 3.

26. The method of Claim 25, wherein said catalyst further comprises an acidic hydrogen-containing compound.

27. The curable powder composition of Claim 1, wherein R₂ is alkylene.

28. The curable powder composition of Claim 1, wherein R₃ and R₄ are alkyl.

29. A curable powder composition comprising:

- (a) at least one epoxy/hydroxy-containing resin and/or at least one siloxane-containing resin; and
- (b) the reaction product of a polyisocyanate and either an amine comprising a primary or secondary amine group and a tertiary amine or an alcohol or polyol containing a tertiary amine.

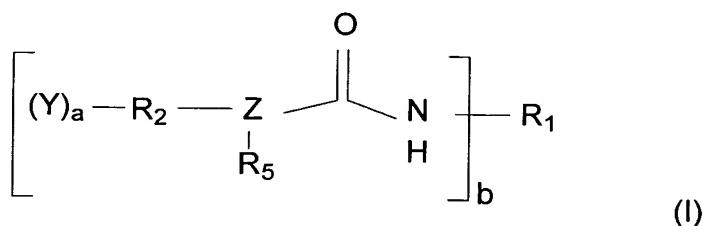
30. The curable powder composition of Claim 29, wherein the reaction product is formed from a polyisocyanate and an amine comprising a primary or secondary amine group and at least one tertiary amine.

31. The curable powder composition of Claim 30, wherein the polyisocyanate is a diisocyanate.

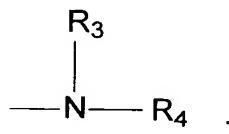
32. The curable powder composition of Claim 29, wherein (b) is mixed with an acidic hydrogen-containing compound.

33. A catalyst composition comprising the reaction product of:

(a) a material having the structure of Formula I:



wherein R_1 is an organic radical having 6 to 25 carbon atoms; each R_2 is independently a multivalent hydrocarbon group having 1 to 20 carbon atoms; Y is

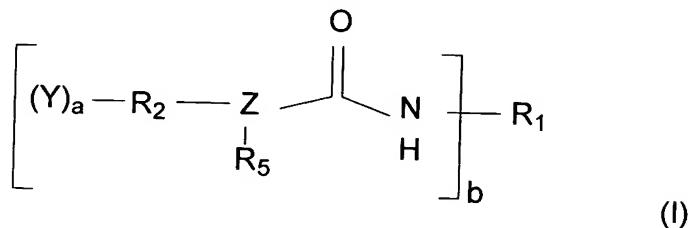


each R_3 and R_4 are independently alkyl or aryl groups having 1 to 8 carbon atoms; each Z is independently oxygen or nitrogen; R_5 is absent when Z is oxygen and R_5 is hydrogen, an alkyl or aryl group having 1 to 20 carbon atoms, or $(Y)_a - R_2 -$ when Z is nitrogen; a is at least 1; and b is 1 to 3; but R_5 is not hydrogen when Z is nitrogen, R_2 is an alkylene having between 1 and 4 carbon atoms, and R_3 and R_4 are both alkyl groups having between 1 and 4 carbons; and

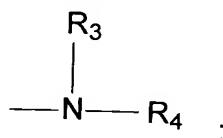
(b) an acidic hydrogen-containing compound.

34. A powder composition comprising the catalyst of Claim 33.

35. A catalyst composition comprising:
a material having the structure of Formula I:



wherein R_1 is an organic radical having 6 to 25 carbon atoms; each R_2 is independently a multivalent hydrocarbon group having 1 to 20 carbon atoms; Y is



each R_3 and R_4 are independently alkyl or aryl groups having 1 to 8 carbon atoms; each Z is independently oxygen or nitrogen; R_5 is absent when Z is oxygen and R_5 is hydrogen, an alkyl or aryl group having 1 to 20 carbon atoms, or $(Y)_a - R_2 -$ when Z is nitrogen; a is at least 1; and b is 1 to 3; and
wherein said composition does not include an acidic hydrogen-containing compound.

36. A powder composition comprising the catalyst of Claim 35, wherein said powder composition does not include an acidic hydrogen-containing compound.